

8-1: Exploring Exponential Models

► Graphing Exponential Growth

- Example: Graph $y = 2^x$
- Step 1: Make a table of values
- Step 2: Graph the coordinates with a smooth curve



x	2^x	y
-3	2^{-3}	$1/8 = 0.125$
-2	2^{-2}	$1/4 = 0.25$
-1	2^{-1}	$1/2 = 0.5$
0	2^0	1
1	2^1	2
2	2^2	4
3	2^3	8

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